

COPY

#21
BP
12-6-02

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 38-21(15077)B

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH THE METHIONINE SYNTHESIS AND DEGRADATION PATHWAYS

the specification of which is filed herewith unless the following box is checked:

- ☒ was filed on November 24, 1998;
as United States Application Number 09/198,779; and
was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

☐ Yes ☐ No

(Application No.) (Country) (Day/Month/Year Filed)

☐ Yes ☐ No

(Application No.) (Country) (Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/067,000 11/24/1997 Abandoned
(Application No.) (Filing Date) (Status)

60/066,873 11/25/1997 Abandoned
(Application No.) (Filing Date) (Status)

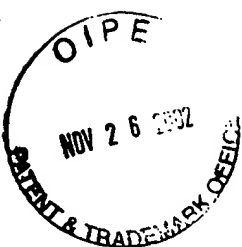
60/069,472 12/09/1997 Abandoned
(Application No.) (Filing Date) (Status)

60/074,201 02/10/1998 Abandoned
(Application No.) (Filing Date) (Status)

60/074,282 02/10/1998 Abandoned
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60/074,280 02/10/1998 Abandoned
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60/074,281 02/10/1998 Abandoned
(Application No.) (Filing Date) (Status)



<u>60/074,566</u> (Application No.)	<u>02/12/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/074,567</u> (Application No.)	<u>02/12/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
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<u>60/075,462</u> (Application No.)	<u>02/19/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/074,789</u> (Application No.)	<u>02/19/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
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<u>60/078,368</u> (Application No.)	<u>03/18/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/080,844</u> (Application No.)	<u>04/07/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/083,067</u> (Application No.)	<u>04/27/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>38-21(15348)A</u> (Docket No.)	<u>04/29/1998</u> (Filing Date)	<u>Pending</u> (Status)

Title: Nucleic Acid Molecules
And Other Molecules Associated
With Plants

<u>60/083,387</u> (Application No.)	<u>04/29/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/083,388</u> (Application No.)	<u>04/29/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/083,389</u> (Application No.)	<u>04/29/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>38-21(15097)A</u> (Docket No.) Title: Nucleic Acid Molecules And Other Molecules Associated With The Ethylene Biosynthetic Pathway	<u>05/08/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/085,245</u> (Application No.)	<u>05/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/085,224</u> (Application No.)	<u>05/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/085,223</u> (Application No.)	<u>05/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/085,222</u> (Application No.)	<u>05/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
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<u>60/086,339</u> (Application No.)	<u>05/21/1998</u> (Filing Date)	<u>Pending</u> (Status)
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<u>60/086,188</u> (Application No.)	<u>05/21/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/089,524</u> (Application No.)	<u>06/16/1998</u> (Filing Date)	<u>Pending</u> (Status)
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<u>60/089,814</u> (Application No.)	<u>06/18/1998</u> (Filing Date)	<u>Pending</u> (Status)

<u>38-21(15412)A</u> (Docket No.) Title: Nucleic Acid Molecules And other Molecules Associated With the Plant Sugar And Nitrogen Transporters Pathway	<u>06/30/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/092,036</u> (Application No.)	<u>07/08/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/099,667</u> (Application No.)	<u>09/09/1998</u> (Filing Date)	<u>Pending</u> (Status)
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<u>60/100,672</u> (Application No.)	<u>09/16/1998</u> (Filing Date)	<u>Pending</u> (Status)
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<u>38-21(15459)A</u> (Docket No.) Title: Nucleic Acid Molecules And Other Molecules Associated With Plants	<u>09/21/1998</u> (Filing Date)	<u>Pending</u> (Status)
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<u>60/101,347</u> (Application No.)	<u>09/22/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/101,343</u> (Application No.)	<u>09/22/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/104,126</u> (Application No.)	<u>10/13/1998</u> (Filing Date)	<u>Pending</u> (Status)

<u>60/104,128</u> (Application No.)	<u>10/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/104,127</u> (Application No.)	<u>10/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/104,124</u> (Application No.)	<u>10/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>38-21(15445)A</u> (Docket No.) Title: Nucleic Acid Molecules And Other Molecules Associated With Plants	<u>11/18/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>38-21(15592)A</u> (Docket No.) Title: Nucleic Acid Molecules And Other Molecules Associated With Plants	<u>11/18/1998</u> (Filing Date)	<u>Pending</u> (Status)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

•I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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Dennis R. Hoerner, Jr.
Richard H. Shear

Reg. No. 30,768
Reg. No. 30,914
Reg. No. 26,583

Jeffrey I. Auerbach, Reg. No. 32,680
Melvin L. Barnes, Jr. Reg. No. 38,375
Michael J. Bell, Reg. No. 39,604
Mark R. Buscher, Reg. No. 35,006
Celine T. Callahan, Reg. No. 34,301
Cono A. Carrano, Reg. No. 39,623
Joseph V. Colaianni, Reg. No. 39,948
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Thomas M. Dunham, Reg. No. 39,965
Joel M. Freed, Reg. No. 25,101
Vernon Randall Gard, Reg. No. 33,886
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Alexander J. Hadjis, Reg. No. 36,540
Albert P. Halluin, Reg. No. 25,227
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David R. Marsh, Reg. No. 41,408
Joseph A. Micallef, Reg. No. 39,772
Erik B. Milch, Reg. No. 42,887
Anthony D. Miller, Reg. No. 34,394
Karen L. Nicastro, Reg. No. 35,968
Bradley J. Olson, Reg. No. 40,750
Andrew Y. Piatnicia, Reg. No. 40,772
Andrea G. Reister, Reg. No. 36,253
Stephen J. Rosenman, Reg. No. 29,209
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Inventor's signature		Date
Residence	Chesterfield, Missouri USA	
Citizenship	USA	
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Full name of second inventor	Joseph R. Byrum	
Second inventor's signature		Date
Residence	Des Moines, Iowa USA	
Citizenship	USA	
Post Office Address	4533 Woodland Avenue, Unit 1, Des Moines, Iowa 50266	
Full name of third inventor	Jingdong Liu	
Third inventor's signature		Date 4-9-99
Residence	Ballwin, Missouri USA	
Citizenship	USA	
Post Office Address	885 Castle Pines Drive, Ballwin, Missouri 63021	

Appl. No. 09/198,779
Docket No. 38-21(15077)B

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as shown below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH THE METHIONINE SYNTHESIS AND DEGRADATION PATHWAYS

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Prior Foreign Application(s)

Priority Claimed

☐ Yes ☐ No

(Application No.) (Country) (Day/Month/Year Filed)

☐ Yes ☐ No

(Application No.) (Country) (Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/067,000 11/24/1997 Abandoned
(Application No.) (Filing Date) (Status)

60/066,873 11/25/1997 Abandoned
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60/074,281 02/10/1998 Abandoned
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<u>60/074,566</u> (Application No.)	<u>02/12/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
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<u>38-21(15348)A</u> (Docket No.)	<u>04/29/1998</u> (Filing Date)	<u>Pending</u> (Status)

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And Other Molecules Associated
With Plants

<u>60/083,387</u> (Application No.)	<u>04/27/1998</u> (Filing Date)	<u>Pending</u> (Status)
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<u>38-21(15412)A</u> (Docket No.) Title: Nucleic Acid Molecules And other Molecules Associated With the Plant Sugar And Nitrogen Transporters Pathway	<u>06/30/1998</u> (Filing Date)	<u>Pending</u> (Status)
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<u>38-21(15592)A</u> (Docket No.) Title; Nucleic Acid Molecules And Other Molecules Associated With Plants	<u>11/18/1998</u> (Filing Date)	<u>Pending</u> (Status)

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Lawrence M. Lavin, Jr.
Dennis R. Hoerner, Jr.
Richard H. Shear

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Reg. No. 30,914
Reg. No. 26,583

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Michael J. Bell, Reg. No. 39,604
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Anthony W. Shaw, Reg. No. 30,104
J. David Smith, Reg. No. 39,839
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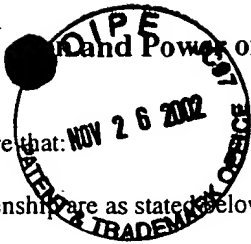
Larry M. Lavin, Jr.
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Direct Telephone Calls to: 314-737-6670

I hereby declare that all statements made in of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	Stefan A. Bledig
Inventor's signature	Date
Residence	Chesterfield, Missouri USA
Citizenship	USA
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Full name of second inventor	Joseph R. Byrum
Second inventor's signature	Date 4/7/99
Residence	Des Moines, Iowa USA
Citizenship	USA
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Full name of third inventor	Jingdong Liu
Third inventor's signature	Date
Residence	Ballwin, Missouri USA
Citizenship	USA
Post Office Address	885 Castlepines Drive, Ballwin, Missouri 63021

Full name of fourth inventor	
Fourth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
Full name of fifth inventor	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
Full name of sixth inventor	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH THE METHIONINE SYNTHESIS AND DEGRADATION PATHWAYS the specification of which is filed herewith unless the following box is checked:

☒ was filed on November 24, 1998;
as United States Application Number 09/198,779; and
was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

☐ Yes ☐ No

(Application No.) (Country) (Day/Month/Year Filed)

☐ Yes ☐ No

(Application No.) (Country) (Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/067,000 11/24/1997 Abandoned
(Application No.) (Filing Date) (Status)

60/066,873 11/25/1997 Abandoned
(Application No.) (Filing Date) (Status)

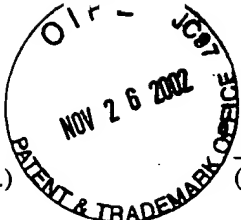
60/069,472 12/09/1997 Abandoned
(Application No.) (Filing Date) (Status)

60/074,201 02/10/1998 Abandoned
(Application No.) (Filing Date) (Status)

60/074,282 02/10/1998 Abandoned
(Application No.) (Filing Date) (Status)

60/074,280 02/10/1998 Abandoned
(Application No.) (Filing Date) (Status)

60/074,281 02/10/1998 Abandoned
(Application No.) (Filing Date) (Status)



<u>60/074,566</u> (Application No.)	<u>02/12/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/074,567</u> (Application No.)	<u>02/12/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/074,565</u> (Application No.)	<u>02/12/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/075,462</u> (Application No.)	<u>02/19/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/074,789</u> (Application No.)	<u>02/19/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/075,459</u> (Application No.)	<u>02/19/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/075,461</u> (Application No.)	<u>02/19/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/075,464</u> (Application No.)	<u>02/19/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/075,460</u> (Application No.)	<u>02/19/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/075,463</u> (Application No.)	<u>02/19/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/077,231</u> (Application No.)	<u>03/09/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/077,229</u> (Application No.)	<u>03/09/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/077,230</u> (Application No.)	<u>03/09/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/078,031</u> (Application No.)	<u>03/16/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/078,368</u> (Application No.)	<u>03/18/1998</u> (Filing Date)	<u>Abandoned</u> (Status)
<u>60/080,844</u> (Application No.)	<u>04/07/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/083,067</u> (Application No.)	<u>04/27/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>38-21(15348)A</u> (Docket No.)	<u>04/29/1998</u> (Filing Date)	<u>Pending</u> (Status)

Title: Nucleic Acid Molecules
And Other Molecules Associated
With Plants

<u>60/083,387</u> (Application No.)	<u>04/29/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/083,388</u> (Application No.)	<u>04/29/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/083,389</u> (Application No.)	<u>04/29/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>38-21(15097)A</u> (Docket No.) Title: Nucleic Acid Molecules And Other Molecules Associated With The Ethylene Biosynthetic Pathway	<u>05/08/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/085,245</u> (Application No.)	<u>05/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/085,224</u> (Application No.)	<u>05/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/085,223</u> (Application No.)	<u>05/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/085,222</u> (Application No.)	<u>05/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/086,186</u> (Application No.)	<u>05/21/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/086,339</u> (Application No.)	<u>05/21/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/086,187</u> (Application No.)	<u>05/21/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/086,185</u> (Application No.)	<u>05/21/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/086,184</u> (Application No.)	<u>05/21/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/086,183</u> (Application No.)	<u>05/21/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/086,188</u> (Application No.)	<u>05/21/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/089,524</u> (Application No.)	<u>06/16/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/089,810</u> (Application No.)	<u>06/18/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/089,814</u> (Application No.)	<u>06/18/1998</u> (Filing Date)	<u>Pending</u> (Status)

<u>38-21(15412)A</u> (Docket No.) Title: Nucleic Acid Molecules And other Molecules Associated With the Plant Sugar And Nitrogen Transporters Pathway	<u>06/30/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/092,036</u> (Application No.)	<u>07/08/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/099,667</u> (Application No.)	<u>09/09/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/099,668</u> (Application No.)	<u>09/09/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/099,670</u> (Application No.)	<u>09/09/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/099,697</u> (Application No.)	<u>09/09/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/100,674</u> (Application No.)	<u>09/16/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/100,673</u> (Application No.)	<u>09/16/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/100,672</u> (Application No.)	<u>09/16/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/101,132</u> (Application No.)	<u>09/21/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/101,130</u> (Application No.)	<u>09/21/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>38-21(15459)A</u> (Docket No.) Title: Nucleic Acid Molecules And Other Molecules Associated With Plants	<u>09/21/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/101,344</u> (Application No.)	<u>09/22/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/101,347</u> (Application No.)	<u>09/22/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/101,343</u> (Application No.)	<u>09/22/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/104,126</u> (Application No.)	<u>10/13/1998</u> (Filing Date)	<u>Pending</u> (Status)

<u>60/104,128</u> (Application No.)	<u>10/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/104,127</u> (Application No.)	<u>10/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>60/104,124</u> (Application No.)	<u>10/13/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>38-21(15445)A</u> (Docket No.) Title: Nucleic Acid Molecules And Other Molecules Associated With Plants	<u>11/18/1998</u> (Filing Date)	<u>Pending</u> (Status)
<u>38-21(15592)A</u> (Docket No.) Title: Nucleic Acid Molecules And Other Molecules Associated With Plants	<u>11/18/1998</u> (Filing Date)	<u>Pending</u> (Status)

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Richard H. Shear

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Inventor's signature	<i>Stefan Bledig</i> Date 4/5/99
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Second inventor's signature	Date
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Citizenship	USA
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Third inventor's signature	Date
Residence	Ballwin, Missouri USA
Citizenship	USA
Post Office Address	885 Castlepines Drive, Ballwin, Missouri 63021

Full name of fourth inventor	
Fourth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
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Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
Full name of sixth inventor	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	